United Nations ST/SG/SER.E/360

Secretariat

Distr.: General
21 July 1999

Original: English

Committee on the Peaceful
Uses of Outer Space

Information furnished in conformity with the Convention on Registration of Objects Launched into Outer Space

Note verbale dated 17 June 1999 from the Permanent Mission of the United States of America to the United Nations (Vienna) addressed to the Secretary-General

The Permanent Mission of the United States of America to the United Nations (Vienna) presents its compliments to the Secretary-General of the United Nations and, in accordance with article IV of the Convention on Registration of Objects Launched into Outer Space,* has the honour to transmit the registration data for the United States space launches for the period December 1998-April 1999 (see annex).

* See General Assembly resolution 3235 (XXIX), annex, of 12 November 1974.

Annex[*]

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 December 1998. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
1998-069C	04 December 1998	92.3	51.6	394	380	Spacecraft engaged in investigation of space flight techniques and technology
1998-069D	04 December 1998	92.1	51.6	382	374	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1998-069E	04 December 1998	92.1	51.6	381	371	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1998-071A	06 December 1998	97.6	69.9	656	644	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-071B	06 December 1998	97.5	69.9	652	643	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1998-071C	06 December 1998	96.8	69.9	622	603	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

[*] The registration data are reproduced in the form in which they were received.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
1998-073A	11 December 1998	88.2	28.4	201	189	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1998-073C	11 December 1998	95.5	28.4	908	187	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1998-075A	21 December 1998	1435.8	0.1	35769	35767	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report:						
1965-109G	22 December 1965	103.9	89.1	1052	876	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1983-078E	31 July 1983	711.5	63.5	39210	831	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1988-077S	02 September 1988	720.7	26.7	40057	391	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1991-017D	08 March 1991	93.2	68.0	485	380	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1994-029AEF	19 May 1994	122.5	82.3	2989	622	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects not previously reported have been identified since the last report, but no longer in orbit as of 2400Z 31 December 1998:						
NONE						
The objects achieved orbit since the last report but are no longer in orbit as of 31 December 1998:						
1998-069A	04 December 1998	92.4	51.6	399	382	Reusable space transportation system
1998-073B	11 December 1998	95.0	23.9	878	170	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects identified in a previous report are no longer in orbit as of 2400Z 31 December 1998:						
1965-082LD; 1965-082MT; 1975-052BF; 1975-100C; 1993-077B; 1994-029ADW; 1994-029BD; 1994-029EY; 1994-029JD; 1994-029LL; 1994-029MP; 1994-029TY; 1996-024BD; 1997-084J						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 January 1999. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
1999-001A	03 January 1999	94.7	28.4	772	238	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-001B	03 January 1999	94.7	28.4	771	238	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-001C	03 January 1999	92.0	25.8	530	218	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
1966-040E	15 May 1966	107.9	100.4	1171	1089	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1966-040F	15 May 1966	107.9	100.4	1162	1102	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1966-040G	15 May 1966	107.9	100.5	1170	1088	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1991-076L	08 November 1991	105.5	63.4	1016	1015	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1992-086F	02 December 1992	102.8	57.0	891	890	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
1996-029K	12 May 1996	107.4	63.4	1161	1053	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1998-055C	03 October 1998	98.8	85.0	713	695	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 January 1999:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 31 January 1999:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z 31 January 1999:						
1970-025N; 1989-089W; 1989-089M; 1989-089N; 1989-089BM; 1989-089BN; 1991-017B; 1994-029ACA; 1994-029ADV; 1994-029BQ; 1994-029CK; 1994-029EH; 1994-029HJ; 1994-029NW; 1994-029U; 1994-029S; 1994-029WG; 1994-029WS; 1998-046J; 1998-066F						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 28 February 1999. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
1999-003A	07 February 1999	1436.1	0.04	35797	35776	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-003B	07 February 1999	164.2	22.5	6815	298	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-003C	07 February 1999	1436.1	0.04	35797	35776	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-005A	15 February 1999	1436.2	0.04	35798	35777	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-006B	16 February 1999	2122.3	25.6	96391	264	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-008A	23 February 1999	101.7	98.7	847	828	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-008D	23 February 1999	99.9	96.5	864	645	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

International designation	*Date of Launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects not previously reported have been identified since the last report:						
NONE						
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 28 February 1998:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 28 February 1999:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400Z on 28 February 1999:						
1963-014EW; 1969-082KQ; 1971-067L; 1982-006C; 1989-089BZ; 1993-017D; 1994-029J; 1994-029KX; 1994-029LB; 1994-029RJ; 1994-029XR; 1995-013B						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions the should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 31 March 1999. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
1999-011A	05 March 1999	95.9	97.5	605	553	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-011B	05 March 1999	95.9	97.5	599	553	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-011C	05 March 1999	95.9	97.5	602	552	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not preciously reported have been identified since the last report:						
1994-029AEG	19 May 1994	98.9	82.2	870	554	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z 31 March 1998:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z 31 March 1999:						
NONE						
The following objects identified on a previous report are no longer in orbit as of 2400 31 March 1999:						
1961-015BZ; 1984-123B; 1994-029AP; 1994-029AIDS; 1994-029MV; 1994-029SJ; 1994-029AAC; 1996-029G; 1996-049F; 1998-008F; 1998-051F; 1998-069E; 1998-071C; 1999-001C						

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions that should be made to previously reported data:						
NONE						

REGISTRATION DATA FOR UNITED STATES SPACE LAUNCHES

The following report supplements the registration data for the United States launches as of 30 April 1999. All launches were made from the territory of the United States unless otherwise specified.

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects were launched since the last report and remain in orbit:						
1999-017A	09 April 1999	94.1	28.6	763	200	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-017B	09 April 1999	92.7	28.6	630	193	Spent boosters, spent maneuvering stages, shroud and other non-functional objects
1999-017C	09 April 1999	94.1	28.6	763	200	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-017D	09 April 1999	94.1	28.6	763	200	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-017E	09 April 1999	94.1	28.6	763	200	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-018B	12 April 1999	812.1	20.2	44678	231	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
1999-020A	15 April 1999	98.5	98.2	700	678	Spacecraft engaged in investigation of space flight techniques and technology
1999-020B	15 April 1999	92.7	107.6	628	181	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
1999-023A	30 April 1999	88.5	28.6	210	202	Spacecraft engaged in practical applications and uses of space technology such as weather or communications
1999-023B	30 April 1999	88.5	28.6	210	202	Spent boosters, spent maneuvering stages, shrouds and other non-functional objects
The following objects not previously reported have been identified since the last report:						
NONE						
The following objects not previously reported have been identified since the last report but are no longer in orbit as of 2400Z on 30 April 1999:						
NONE						
The following objects achieved orbit since the last report but are no longer in orbit as of 2400Z on 30 April 1999:						
NONE						

International designation	*Date of launch*	*Basic orbital characteristics*				*General function of space objects*
		Nodal period (min)	*Inclination (degrees)*	*Apogee (km)*	*Perigee (km)*	
The following objects identified on a previous report are no longer in orbit as of 2400Z 30 April 1999:						
1975-004W; 1978-026HT; 1983-094B; 1987-053D; 1994-029AA; 1994-029DW; 1994-029JF; 1994-029SG; 1994-029SP; 1994-029WV; 1994-029ZH; 1998-057B; 1998-069D						
The following objects were launched since the last report but did not achieve orbit:						
NONE						
Revisions the should be made to previously reported data:						
NONE						